

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008166**Date Inspected:** 29-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shen fu you / Liu fa wen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the time noted above for observations relative to the work being performed.

BAY#14

Ongoing SMAW Welding of Weld joint 4G-009 Located on SEG041* of 7EW Welder no indentified as 067183, 67571 and the welding variables recorded by QC ZMPC Mr. Xu Tao to comply with the WPS-B-P-2214-B-U2-FCM-1.

Ongoing FCAW Welding of Weld Joint 4G-003 Located on SSD11-PP57 of 7DW Welder no indentified as 0203871 and The welding variables recorded by QC ZMPC Mr. Xu Tao to comply with the WPS-B-T-2232-Tc-U4b-F.

Ongoing FCAW Welding of Weld Joint 2F-033 Located on CA073 of 10BW Welder no indentified as 0203871 and The welding variables recorded by QC ZMPC Mr. Li ming yang to comply with the WPS-B-T-2132.

BAY#19

On going SMAW Welding of Weld Joint Fit-up 2F-013,014 Located on BP-026-009 Welder no indentified as 062745 & 062978 and The welding variables recorded by QC ZMPC Mr. Zhen Cheng to comply with the WPS-B-P-2112-FCM-1.

Ongoing FCAW Welding of Weld Joint 2F-008 Located on BP25B-008 Welder no indentified as 062737 and The welding variables recorded by QC ZMPC Mr. Liu fa wen to comply with the WPS-B-T-2132-3.

WELDING INSPECTION REPORT

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This Quality Assurance (QA) Inspector observed that a base metal distortion repair was performed on Deck plate 250A and 115A in way of deck panel splice weld No. SEG035*-005. Five different location of Base metal FCAW filler material was deposited around the splice weld. This base metal distortion repair was performed without the approval of the Engineer.

For more information, please see the Incident report

040120F4_TL015_B255_06-29-09_7BW_Base_Metal_Distortion Repair.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Simonis - 134-7246-3441, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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